OFE 13 700 PE

Substitute for form 1449A/PTO

INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(use as many sheets as necessary)

Complete if Known					
Application Number · ·	10/659,427				
Filing Date	September 11, 2003				
First Named Inventor	Hideaki KUWABARA				
Art Unit	2879				
Examiner Name	Matthew P. Hodges				
Attorney Docket Number	740756-2649				

U.S. PATENT DOCUMENTS								
Examiner Initials	Cite. No. ¹	U.S. Patent Document Number - Kind Code ² (If known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear			
24		5,929,474	07-27-1999	Huang et al.	·			
1.		6,489,631 B2	12-03-2002	Young et al.				
		6,593,691 B2	07-15-2003	Nishi et al.	• • •			
1 .		6,781,162 B2	08-24-2004	Yamazaki et al.				
		6,812,637 B2	11-02-2004	Cok et al.				
		2001/0043046 A1	11-22-2001	Fukunaga				
		2004/0003939 A1	01-08-2004	Nishi et al.				
1		2005/0012105 A1	01-20-2005	Yamazaki et al.				
- W	1	2005/0073243 A1	04-07-2005	Yamazaki et al.	1 0			

		rt	DREIGN PATENT D	OCUMENTS		
Éxaminer Initials [®]	Cite No.	Foreign Patent Document Kind Code ³ Country Code ³ Number ⁴ (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Application of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	т•
n		JP-10-189252	07-21-1998	Chishio		AB
ď		JP-2001-254169	09-18-2001	Kiyoshizu		AB
		JP-2001-345179	12-14-2001	Yamazaki et al.		AB
		JP-2002-318553	10-31-2002	Michiya et al.		AB
V	J	JP-2002-318556	10-31-2002	Michiya et al.		AB
						·
•						
٠.		OTHER PRIOR	ART – NON PATENT I	LITERATURE DOCUMENTS		
Examiner Initials	Cite No.1		urnal, serial, symposium,	RS), title of the article (when approcatalog, etc.)., date, page(s), volum country where published.		T ²
• .						
				· · ·		

Examiner Signature	200	M-	1_		Date Consider	d	3/	24/1	1	•	
Signature	000	240			Consider	~		J-170	O		
		- 0								 •	

^{*}EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

¹ Applicant's unique citation designation number (optional). ² See Kinds Codes of USPTO Patent Documents at www.uspto.gov or MPEP 901.04. ³ Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴ For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ³ Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. ⁶ Applicant is to place a check mark here if English language Translation is attached.

¹ Applicant's unique citation designation number (optional). ² Applicant is to place a check mark here if English language Translation is attached.

Substitut	e for form	449A/PTO	7/			Comple	te if Knon	n	٠.			
Substitute for form 1440A/PTO INFORMATION DISCLOSURE				Application Numbe	1.04550.405							
				Filing Date		4		mber 11, 200)3			
SIA		NT BY APP		First Named Invento)r			ki Kuwabara				
	(iise as i	nany sheets as necess	(בייא)	Art Unit	Art Unit				2879			
				Examiner Name	Examiner Name				es			
Sheet	1	of	Attorney Docket Nu	mber		7407	56-2649					
				U.S. PATENT DOC	UMENT	rs						
Examiner	Cite	U.S. Paten	1 Document	,								
Initials*	No.'	No. ⁴ . Number - Kind Code ² (if known)		Publication Date MM-DD-YYYY		Name of Pa Applicant of Cit		Relevant Pa	mns, Lines, Where ssages or Relevant res Appear			
		 				 						
						···		}				
			···=· · · · · · · · · · · · · · · · · ·					 	• •			
			FO	REIGN PATENT D	ОСИМІ	ENTS	· · · · · · · · · · · · · · · · · · ·					
Examiner Initials	Cite No.1	Forcign Pater	Foreign Patent Document			Name of Patentee or		Pages, Columns, Lines, Where				
		Country Code ³ Num	Kind Code ³ ber ⁴ (If known)	MM-DD-YYYY	Appl	Application of Cited Docur		Relevant Passages r Relevant Figures Appear				
		 	,		-							
<u>-</u>	1											
								·	-1			
		ļ										
<u>-</u>									•			
	7*- "	· · · · · · · · · · · · · · · · · · ·	OTHER PRIOR A	RT – NON PATENT I	ITERAT	URE DOCUM	ENTS					
Examiner Initials	Cite No.1	Includ item (t	e name of the autho look, magazine, jou	or (in CAPITAL LETTE mal, serial, symposium, publisher, city and/or	catalog, e	tc.)., date, page(s	en appropria s), volume-iss	te), title of the sue number(s),	T			
							003/0116					

Date

Considered

Examiner

Signature

^{*}EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

¹ Applicant's unique citation designation number (optional). ² See Kinds Codes of USPTO Patent Documents at www.uspto.gov or MPEP 901.04. ³ Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴ For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵ Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. ⁶ Applicant is to place a check mark here if English language Translation is attached.

¹ Applicant's unique citation designation number (optional). ² Applicant is to place a check mark here if English language Translation is attached